

# City Council Meeting

## Agenda Item

### Data Sheet

Meeting Date: 07/05/2022

#### Topic:

Presentation of the City of Tomball's Drought Contingency Plan.

#### Background:

As an operator of a public water utility system, the City of Tomball is subject to various regulations related to water conservation and droughts. A few of the applicable regulations include the Texas Water Code, which mandates that all public utilities that provide potable water service to 3,300 or more connections have a Drought Contingency Plan; the Texas Commission on Environmental Quality (TCEQ), which requires the City to submit a Drought Contingency Plan every five years; and the Texas Water Development Board, which requires the City to submit a Water Conservation Plan every five years.

The City's current Water Conservation and Drought Contingency Plan was adopted in 2019. The Plan outlines the City's five drought stages, the conditions required to trigger each stage, and the conditions required to terminate each stage. It also provides guidance on public education, community notification, and drought response measures that will be implemented during drought conditions.

Stage	Triggers
1: Mild Drought Condition	Total daily demand exceeds 60% of production capacity for three consecutive days OR other causes as determined by City Council and/or City Manager
2: Moderate Drought Condition	Total daily demand exceeds 70% of production capacity for three consecutive days OR other causes as determined by City Council and/or City Manager
3: Severe Drought Condition	Total daily demand exceeds 80% of production capacity for three consecutive days OR other causes as determined by City Council and/or City Manager
4: Emergency Water Condition	Total daily demand exceeds 90% of production capacity for three consecutive days OR other causes as determined by City Council and/or City Manager
5: Emergency Water Condition	Total daily demand exceeds 95% of production capacity for three consecutive days OR natural or man-made contamination of the water supply source OR system outage due to failure of major water system components

Tomball reached Stage 1 on 6/19/2022. At this stage, staff posted on social media, sent out a press release to local news outlets, and encouraged all residents to voluntarily practice water conservation.

Once the City entered Stage 1, Public Works staff developed a decision making matrix during this to assist as we move further into our Drought Contingency Plan. The matrix consists of tracking our water well pumping capacity, daily high temperature vs. precipitation, and the Keetch-Byram Drought Index (KBDI).

Additional information will be presented at the City Council meeting.

**Origination:** Public Works Department

**Recommendation:**

Informational

**Party(ies) responsible for placing this item on agenda:** Drew Huffman, Public Works Director

**FUNDING (IF APPLICABLE)**

Are funds specifically designated in the current budget for the full amount required for this purpose?

Yes: \_\_\_\_\_ No: X If yes, specify Account Number: # \_\_\_\_\_

If no, funds will be transferred from account # \_\_\_\_\_ To account # \_\_\_\_\_

Signed	<u>Drew Huffman</u>	Approved by	_____
	Staff Member		City Manager
	Date		Date